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(Original Signature of Member)

117TH CONGRESS
2D SESSION

H. R. _____

To amend the Food, Conservation, and Energy Act of 2008 to establish
a precision agriculture loan program, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. FEENSTRA introduced the following bill; which was referred to the
Committee on _____

A BILL

To amend the Food, Conservation, and Energy Act of 2008
to establish a precision agriculture loan program, and
for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Precision Agriculture
5 Loan Program Act of 2022”.

1 **SEC. 2. PRECISION AGRICULTURE LOAN PROGRAM.**

2 Subtitle F of title I of the Food, Conservation, and
3 Energy Act of 2008 is amended by inserting after section
4 1614 (7 U.S.C. 8789) the following:

5 **“SEC. 1614A. PRECISION AGRICULTURE LOAN PROGRAM.**

6 “(a) DEFINITIONS.—In this section:

7 “(1) PRECISION AGRICULTURE.—The term
8 ‘precision agriculture’ means managing, tracking, or
9 reducing crop or livestock production inputs, includ-
10 ing seed, feed, fertilizer, chemicals, water, and time,
11 at a heightened level of spatial and temporal granu-
12 larity to improve efficiencies, reduce waste, and
13 maintain environmental quality.

14 “(2) PRECISION AGRICULTURE EQUIPMENT.—
15 The term ‘precision agriculture equipment’ means
16 any equipment or technology that directly contrib-
17 utes to a reduction in, or improved efficiency of, in-
18 puts used in crop or livestock production, includ-
19 ing—

20 “(A) Global Positioning System-based or
21 geospatial mapping;

22 “(B) satellite or aerial imagery;

23 “(C) yield monitors;

24 “(D) soil mapping;

25 “(E) sensors for gathering data on crop,
26 soil, or livestock conditions;

1 “(F) Internet of Things and telematics
2 technologies;

3 “(G) data management software and ad-
4 vanced analytics;

5 “(H) network connectivity products and
6 solutions;

7 “(I) Global Positioning System guidance or
8 auto-steer systems;

9 “(J) variable rate technology for applying
10 inputs, such as section control; and

11 “(K) any other technology, as determined
12 by the Secretary, that leads to a reduction in,
13 or improves efficiency of, crop and livestock
14 production inputs, which may include seed,
15 feed, fertilizer, chemicals, water, and time.

16 “(b) PROGRAM.—As soon as practicable after the
17 date of enactment of this section, the Secretary shall es-
18 tablish a precision agriculture loan program to encourage
19 the adoption of precision agriculture by providing funds
20 to producers engaged in livestock or crop production for
21 the purchase of precision agriculture equipment.

22 “(c) ADMINISTRATION.—The precision agriculture
23 loan program under this section shall be administered by
24 the Secretary, acting through the Deputy Administrator
25 for Farm Programs of the Farm Service Agency.

1 “(d) ELIGIBLE PRODUCERS.—A precision agriculture
2 loan under this section shall be made available to any pro-
3 ducer described in subsection (b) that, as determined by
4 the Secretary—

5 “(1) has a satisfactory credit history;

6 “(2) will use the loan funds to purchase preci-
7 sion agriculture equipment; and

8 “(3) demonstrates an ability to repay the loan.

9 “(e) TERM OF LOANS.—A precision agriculture loan
10 under this section shall have a maximum term of 12 years.

11 “(f) LOAN AMOUNT.—The maximum aggregate loan
12 amount of a precision agriculture loan under this section
13 shall be \$500,000.

14 “(g) LOAN SECURITY.—Approval of a precision agri-
15 culture loan under this section shall require the borrower
16 to provide loan security to the Secretary, in the form of—

17 “(1) a lien on the precision agriculture equip-
18 ment being purchased; or

19 “(2) such other security as is acceptable to the
20 Secretary.

21 “(h) REPORTING.—

22 “(1) DEFINITION OF RECIPIENT PRODUCER.—
23 In this subsection, the term ‘recipient producer’
24 means an eligible producer described in subsection
25 (d) that received a precision agriculture loan under

1 this section during the fiscal year covered by the ap-
2 plicable report prepared under paragraph (2).

3 “(2) PREPARATION OF REPORT.—For each fis-
4 cal year, the Secretary shall prepare a report that
5 includes—

6 “(A) aggregate data based on a review of
7 each outstanding loan made by the Secretary
8 under this section; and

9 “(B) a description of—

10 “(i) for the United States and for
11 each State and county (or equivalent juris-
12 diction) in the United States—

13 “(I) the age of each recipient
14 producer;

15 “(II) the duration during which
16 each recipient producer has engaged
17 in agricultural production;

18 “(III) the size of the farm or
19 ranch of each recipient producer;

20 “(IV) the total amount provided
21 as loans under this section for each
22 category of equipment or technology
23 described in subparagraphs (A)
24 through (K) of subsection (a)(2) dur-

1 ing the fiscal year covered by the re-
2 port; and

3 “(V) the estimated input reduced
4 or environmental benefits received per
5 category of equipment or technology
6 described in those subparagraphs with
7 respect to which a loan was provided
8 under this section during the fiscal
9 year covered by the report or any
10 prior fiscal year, including the esti-
11 mated input reduced or environmental
12 benefits received per category—

13 “(aa) during the fiscal year
14 covered by the report with re-
15 spect to—

16 “(AA) loans provided
17 under this section during
18 that fiscal year; and

19 “(BB) loans provided
20 under this section during
21 that fiscal year or any prior
22 fiscal year; and

23 “(bb) in the aggregate with
24 respect to all loans provided
25 under this section during or prior

1 to the fiscal year covered by the
2 report;

3 “(VI) the race, ethnicity, and
4 gender of each recipient producer;

5 “(VII) the 1 or more agricultural
6 commodities or types of enterprise for
7 which each loan provided under this
8 section during the fiscal year was pro-
9 vided;

10 “(VIII) the amount of each loan
11 provided under this section during the
12 fiscal year; and

13 “(IX) the default rate of the
14 loans made under this section dur-
15 ing—

16 “(aa) the fiscal year covered
17 by the report;

18 “(bb) each preceding fiscal
19 year; and

20 “(cc) in the aggregate with
21 respect to all loans provided
22 under this section during or prior
23 to the fiscal year covered by the
24 report; and

1 “(ii) for each State and county (or
2 equivalent jurisdiction) in the United
3 States, the number of outstanding loans
4 made under this section, according to the
5 loan size cohort.

6 “(3) SUBMISSION OF REPORT.—The Secretary
7 shall—

8 “(A) not later than 1 year after the date
9 of enactment of this Act, and annually there-
10 after, submit the report described in paragraph
11 (2) to—

12 “(i) the Committee on Agriculture,
13 Nutrition, and Forestry of the Senate;

14 “(ii) the Committee on Appropriations
15 of the Senate;

16 “(iii) the Committee on Agriculture of
17 the House of Representatives; and

18 “(iv) the Committee on Appropria-
19 tions of the House of Representatives; and

20 “(B) not later than 90 days after the date
21 on which the report is submitted under sub-
22 paragraph (A), make the report publicly avail-
23 able.

1 “(i) AUTHORIZATION OF APPROPRIATIONS.—There
2 are authorized to be appropriated to the Secretary such
3 sums as are necessary to carry out this section.”.